

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

What is claimed is:

1. (Currently Amended) A method for administering devices, the method comprising:

creating, in a first domain, a domain state object, the first domain including a plurality of network-connected devices, the domain state object including information that describes the state of the devices in the first domain and specifies a user in the first domain, the devices in the first domain having been altered in response to the physical condition of the user in the first domain; and

transmitting the domain state object from the first domain to a second domain that also includes a plurality of network-connected devices, at least one of the devices in the second domain administered to alter the user's environment in the second domain in dependence upon the information describing the state of the devices in the first domain.

2. (Original) The method of claim 1 wherein creating, in a first domain, a domain state object comprises:

creating a current device state object; and

associating the current device state object with the domain state object.

3. (Original) The method of claim 2 wherein creating a current device state object comprises:

identifying a device in the first domain;

getting a current value of an attribute of the device; and

storing the value in the current device state object.

4. (Original) The method of claim 1 wherein creating, in a first domain, a domain state object comprises associating a user metric vector with the domain state object.

5. (Original) The method of claim 1 wherein creating, in a first domain, a domain state object comprises associating a user metric space with the domain state object.

6. (Original) The method of claim 1 wherein transmitting the domain state object from the first domain to a second domain comprises downloading the domain state object to a mobile sensor.

7. (Original) The method of claim 1 wherein transmitting the domain state object from the first domain to a second domain comprises downloading an address of the domain state object to a mobile sensor.

8. (Currently Amended) A system for administering devices, the system comprising:

means for creating, in a first domain, a domain state object, the first domain including a plurality of network-connected devices, the domain state object including information that describes the state of the devices in the first domain

and specifies a user in the first domain, the devices in the first domain having been altered in response to the physical condition of the user in the first domain;
and

means for transmitting the domain state object from the first domain to a second domain that also includes a plurality of network-connected devices, at least one of the devices in the second domain administered to alter the user's environment in the second domain in dependence upon the information describing the state of the devices in the first domain.

9. (Original) The system of claim 8 wherein means for creating, in a first domain, a domain state object comprises:

means for creating a current device state object; and

means for associating the current device state object with the domain state object.

10. (Original) The system of claim 9 wherein means for creating a current device state object comprises:

means for identifying a device in the first domain;

means for getting a current value of an attribute of the device; and

means for storing the value in the current device state object.

11. (Original) The system of claim 8 wherein means for creating, in a first domain, a domain state object comprises means for associating a user metric vector with the domain state object.

12. (Original) The system of claim 8 wherein means for creating, in a first domain, a domain state object comprises means for associating a user metric space with the domain state object.
13. (Original) The system of claim 8 wherein means for transmitting the domain state object from the first domain to a second domain comprises means for downloading the domain state object to a mobile sensor.
14. (Original) The system of claim 8 wherein means for transmitting the domain state object from the first domain to a second domain comprises means for downloading an address of the domain state object to a mobile sensor.
15. (Currently Amended) A computer program product for administering devices, the computer program product comprising:

a recording medium;

means, recorded on the recording medium, for creating, in a first domain, a domain state object, the first domain including a plurality of network-connected devices, the domain state object including information that describes the state of the devices in the first domain and specifies a user in the first domain, the devices in the first domain having been altered in response to the physical condition of the user in the first domain; and

means, recorded on the recording medium, for transmitting the domain state object from the first domain to a second domain that also includes a plurality of network-connected devices, at least one of the devices in the second domain administered to alter the user's environment in the second domain in dependence upon the information describing the state of the devices in the first domain.

16. (Original) The computer program product of claim 15 wherein means, recorded on the recording medium, for creating, in a first domain, a domain state object comprises:

means, recorded on the recording medium, for creating a current device state object; and

means, recorded on the recording medium, for associating the current device state object with the domain state object.

17. (Original) The computer program product of claim 16 wherein means, recorded on the recording medium, for creating a current device state object comprises:

means, recorded on the recording medium, for identifying a device in the first domain;

means, recorded on the recording medium, for getting a current value of an attribute of the device; and

means, recorded on the recording medium, for storing the value in the current device state object.

18. (Original) The computer program product of claim 15 wherein means, recorded on the recording medium, for creating, in a first domain, a domain state object comprises means, recorded on the recording medium, for associating a user metric vector with the domain state object.

19. (Original) The computer program product of claim 15 wherein means, recorded on the recording medium, for creating, in a first domain, a domain state object comprises means, recorded on the recording medium, for associating a user metric space with the domain state object.

20. (Original) The computer program product of claim 15 wherein means, recorded on the recording medium, for transmitting the domain state object from the first domain to a second domain comprises means, recorded on the recording medium, for downloading the domain state object to a mobile sensor.
21. (Original) The computer program product of claim 15 wherein means, recorded on the recording medium, for transmitting the domain state object from the first domain to a second domain comprises means, recorded on the recording medium, for downloading an address of the domain state object to a mobile sensor.